(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 18 October 2001 (18.10.2001)

PCT

(10) International Publication Number WO 01/76394 A1

- (51) International Patent Classification7: A23L 1/308, 1/30
- (21) International Application Number: PCT/AU01/00392
- (22) International Filing Date: 6 April 2001 (06.04.2001)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

PQ 6733

6 April 2000 (06.04.2000)

- (71) Applicant (for all designated States except US): PEN-FORD AUSTRALIA LIMITED [AU/AU]; 170 Epping Road, Lane Cove, NSW 2066 (AU).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): BROWN, Ian, Lewis [AU/AU]; 18 Valley Way, Gymea, NSW 2227 (AU). STORLIEN, Leonard, Henry [AU/SE]; Snohojdsstigen 16, S-431 39 Molndal (SE). BROWN, Marc, Andrew [US/US]; 8970 SW Sagert, Tualatin, OR 97062 (US). HIGGINS, Janine [AU/US]; 4295 E. Mexico Avenue, Denver, CO 80262 (US). TAPSELL, Linda, Clare

[AU/AU]; 40 Stanwell Avenue, Stanwell Park, NSW 2058 (AU).

- (74) Agent: F B RICE & CO; 605 Darling Street, Balmain NSW 2041 (AU).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: STARCH SUB-TYPES AND LIPID METABOLISM

(57) Abstract: A method is provided for regulating carbohydrate and fat metabolism in an individual which method comprises replacing a proportion of the individual's daily carbohydrate intake with resistant starch and a proportion of the individual's saturated fat intake with unsaturated fat. Also provided are compositions comprising resistant starch and unsaturated fats and methods for making and using the same.